

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of cleaning a passage including a liquid droplet ejection head and a conduit to feed a ~~manufacture~~ functional solution to the liquid droplet ejection head, the method comprising:

filling the passage with ~~purified~~ water;

replacing the ~~purified~~ water with a first solvent capable of dissolving both the water and a second solvent contained in the manufacture solution and the purified water; and functional solution and suctioning the water from the liquid droplet ejection head by a suction unit; and

replacing the first solvent with the second solvent contained in the manufacture solution; functional solution, and suctioning the first solvent from the liquid droplet ejection head by the suction unit.
2. (Currently Amended) A method of cleaning a passage including a liquid droplet ejection head filled with a predetermined storage solution and a conduit to feed a ~~manufacture~~ functional solution to the liquid droplet ejection head, the method comprising:

replacing the predetermined storage solution with a first solvent capable of dissolving the predetermined storage solution; solution, and suctioning the predetermined storage solution from the liquid droplet ejection head by a suction unit;

replacing the first solvent with a second solvent capable of dissolving both the first solvent and a third solvent contained in the manufacture solution; and functional solution, and suctioning the first solvent from the liquid droplet ejection head by the suction unit; and

replacing the second solvent with the third solvent contained in the ~~manufacture solution~~ functional solution, and suctioning the second solvent from the liquid droplet ejection head by the suction unit.

3. (Currently Amended) The method according to Claim 1, further comprising:

replacing the second solvent contained in the ~~manufacture solution~~ with the ~~manufacture solution~~ with the functional solution, and suctioning the second solvent from the liquid droplet ejection head by the suction unit.

4. (Currently Amended) A method of storing a passage including a liquid droplet ejection head and a conduit to feed a ~~manufacture~~ functional solution to the liquid droplet ejection head, the method comprising:

filling the ~~passage~~, including the liquid droplet ejection head having ejected the ~~manufacture solution~~, ~~passage~~ with a first solvent contained in the ~~manufacture~~ functional solution;

replacing the first solvent contained in the ~~manufacture solution~~ with a second solvent capable of dissolving both the first solvent contained in the ~~manufacture solution~~ and purified water; and water, and suctioning the first solvent from the liquid droplet ejection head by the suction unit;

replacing the second solvent with purified water; and water, and suctioning the second solvent from the liquid droplet ejection head by the suction unit; and

replacing the purified water with a water-soluble storage solution, and suctioning the water from the liquid droplet ejection head by the suction unit.

5. (Currently Amended) A storage method including filling a passage, including a liquid droplet ejection head and a conduit to feed a ~~manufacture~~ functional solution to the liquid droplet ejection head, with a predetermined storage solution, the method comprising:

filling the passage with a first solvent contained in the ~~manufacture~~-functional solution;

replacing the first solvent ~~contained in the manufacture solution~~ with a second solvent capable of dissolving both the first solvent ~~contained in the manufacture solution~~ and the predetermined storage ~~solution; solution, and suctioning the first solvent from the liquid droplet ejection head by the suction unit;~~

replacing the second solvent with a third solvent capable of dissolving the predetermined storage ~~solution; and solution, and suctioning the second solvent from the liquid droplet ejection head by the suction unit; and~~

replacing the third solvent with the predetermined storage ~~solution. solution, suctioning the third solvent from the liquid droplet ejection head by the suction unit.~~

6-14. (Canceled)

15. (New) The method according to Claim 2, further comprising:

replacing the third solvent with the functional solution, suctioning at least one of the third solvent and the functional solution from the liquid droplet ejection head by the suction unit.

16. (New) A method of cleaning a liquid droplet ejection apparatus having a passage including a liquid droplet ejection head and a conduit to feed a functional solution to the liquid droplet ejection head, the method comprising:

filling the passage with water;

replacing the water with a first solvent capable of dissolving both the water and a second solvent contained in the functional solution, and suctioning the water from the liquid droplet ejection head by a suction unit; and

replacing the first solvent with the second solvent contained in the functional solution, and suctioning the first solvent from the liquid droplet ejection head by the suction unit.